

ORGANISATION OF OKW/CHI

Statement

based on

1) Printed German chart found in a personal file of Major i.G. NIELSEN, OKW/West./Chef WNV, Ia. The document is itself undated but filed in a position indicating April, 1945.

The file was found by a TICOM team in the Jaegerkasern at STRUB, near BERCHTESGADEN in May 1945. As the date, however is uncertain, priority is given to:

2) almost identical chart prepared by Oberst KETTLER, Head of OKW/Chi for TICOM on 24/6/45 and stated by him to indicate the organisation as on 1/4/45. Differences between documents 1 and 2 affect the names on heads of subsections only. The descriptions of functions are identical.

and incorporating

Notes by Oberst KETTLER on the strengths and last moves of various sections and affiliated intercept stations.

NB. The present publication supersedes ULTRA/ZIP/SAC/P9 which was based on item 1 only.

Ticom

16 July 1945

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2 D.D.3
3 D.D.4
4 D.D.(N.S.)
5 D.D.(IW)
6 D.D.(A.S.)
7-8 A.D.(C.C.R.)(2)
9 Lt.Col. Leathem

TICOM

10 Chairman
11-12 S.A.C.(2)
13 Cdr. Bacon
14 Cdr. MacKenzie
15 Cdr. Tandy
16 Lt.Col. Johnson
17 Lt.Cdr. Manson
18 Major Seaman
19 Lt. Eachus
20 Lt. Vance
21 Capt. Cowan
22 Lt. Fehl
23-24 Ticom Files(2)

U.S.

25-26 OP20-G(2)(via Lt. Pendergrass)
27 G-2(via Lt.Col. Hilles)
28-29 S.S.A.(2)(via Major Seaman)
30 Director, S.I.D. ETOUSA (via Lt.Col. Johnson)

ADDITIONAL

31 Commander Tighe D.S.D.10 Admiralty
32 D.D."Y" War Office
33 W/Comdr. Badcock, Signals 5
Air Ministry
34 Chairman, Cypher Security Committee

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Introduction

See p. 5-6 for reproduction of the chart (validity: 1/4/45) drawn up for Ticom by Oberst KETTLER, Head of OKW/Chi on 24/6/45.

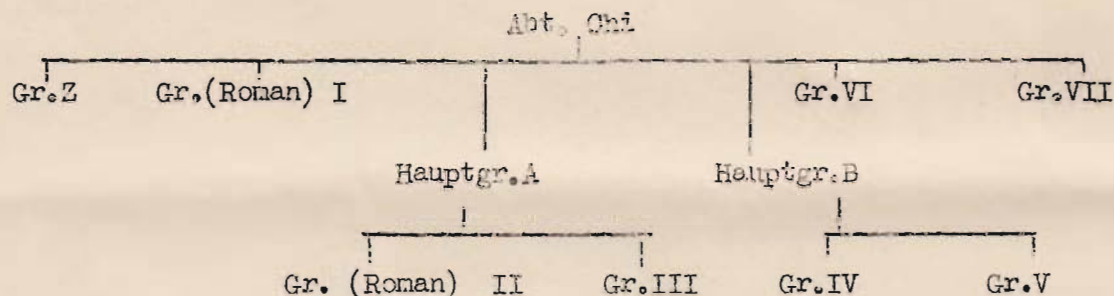
Sections A and B, below, translate and annotate each of the entries on the chart in turn. They incorporate:

- a) details, given from memory by KETTLER, of the strength of each subsection, converted to the formula (specialists) plus (clerical assistants)
- b) divergences in the NIELSEN chart. (NIELSEN:-----).
- c) departmental notes, labelled Comment, based on other sources, including ULTRA.

Section C reproduces KETTLER's additional notes on locations, and his comments on the strengths he quotes.

A) General

Abteilung Chi of OKW is under Abt. Chef Oberst KETTLER.
Hauptgruppe A (comprising Gruppen (Roman) II and III) is under Major (Comment: believed now Oberstltm.) METTIG.
Hauptgruppe B (Gruppen IV and V) under Min.Rat FENNER.
Gruppen Z, (Roman I, VI, VII) come directly under the Abteilung, thus:



B) Details

Abt. Chef: Oberst KETTLER.

Gruppe Z: Major LOBER (4+9).

Personnel Office: internal organisation, quarters and dispersal arrangements, registry, admin and accounts, political commissariat.

Gruppe (Roman) I: Hptm. GROTZ (1 + 1)

Organisation and deployment.

Referat Ia: Anton KLINGER (1+1)
 Control of Sig.Int. cover of inter-state communications.
 Control of fixed intercept stations and their branch stations.

Referat Ib: Owm. SCHNUECKEL (NIELSEN: Hptm. BURSTER), (1+1)
 Study of communications systems of foreign countries.

Referat Ic: Oberinsp. (N) BUCK (2+24)
 Responsible for telecommunications (deployment and upkeep? of Abt. Chi and Mil. Amt (Comment: Mil. Amt is what we used to call Abwehr.)

Supply and maintenance of W/T and T/P equipment.

Gruppe (Roman) II: "an officer in charge"

Development and allocation of German code and cypher systems.

Referat IIA Hptm. BERNSDORF (NIELSEN: under officer in charge of Gruppe), (4+2).

Camouflage systems for use in German telephonic and radio telephonic communication.

Methods of Sig. Int. cover of telephone, T/P and W/T communications.

Passing of requests to monitoring services as required by Sig. Int. Service.

Preparation of code and cypher manuals and working instructions. Key allocation policy. Security scrutiny. Investigation of loss and compromise.

Referat IIB. Sonderfuehrer (Z) DR. FRICKE (8+6).

Development of German code and cypher systems (camouflage, codes and cyphers, telephone secrecy).

Advice on production of keys and supervision of production.

Referat IIC: Reg. Oberinspektor LENZER (10+15). Codes and cyphers for agents using W/T.

Gruppe III: Major METZGER (25+215).

Distribution of keys.

Control of production, printing and distribution and control of outstations responsible for production.

Hauptgruppe B: Min. Rat FENNER (1+2)

Gruppe IV, Regierungsrat Dr. HUETTENHAIN (1+1).

Cryptanalysis.

Referat IVA: Ltn. Dr. STEIN (10+1).

Testing of accepted and of new cypher procedures and devices (camouflage, codes and cyphers, telephone secrecy). Purpose: to determine degree of security.

Testing of inventors' offers.

Referat IVb: (Reg. Baurat Dipl. Ing. ROTSCHEIDT (26+2).

Development and construction of decoding devices (for decoding offices of Chi, the various branches of the Armed Forces and Government departments).

Deployment of such decoding devices.

Referat IVc: Prof. Dr. FRANZ (10+38).

Scientific decoding. Development of breaking method. Work on recyphering systems not solved by "Practical decoding" (N.B: see Gruppe V).

Referat IVd: Reg. Rat Dr. HUETTENHAIN.

Instruction, training, lectures.

Gruppe V: Min. Rat Dr. WENDLAND (1+1).

Practical decoding of the codes and cyphers of foreign governments, military attaches and agents.

Referat V. Subsections 1 to 22 (departments for the various countries)(190+30).

Referat Va: Sonderfuehrer KOEHLER (6+6).

In charge of work on foreign languages translation, pre-

Gruppe VI: Oberstltn. KAEHLER (1+1).

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Monitoring of radio and press.

Referat VIA: Baurat SALZERUNN (30+30).

Wireless interception; technical sound recording devices.

In charge of outstation LUDWIGSFELDE and workshops. In charge of wireless communication between outstations. Control of wireless equipment.

Referat VIB: Obltn. SCHMIDT (30+30).

Radio news services and picture transmissions. Interception of inter-state W/T traffics. Multiplex.

Referat VIC: Angestellter KRAUSE (15+15).

Interception and monitoring of non-German radio broadcast services.

Referat VID: Obltn. Dr. SEIFARTH (6+6)

Evaluation of radio broadcast and press news. Publication of Chi-bulletins, P/W reports and monographs or special reports according to subject.

Gruppe VII: Oberstltn. v. KALCKSTEIN (1+1)Referat VIIa: " " (1+2)

Evaluation and distribution of VN-bulletins. (Comment: VN bulletins are reports based on deciphered signals).

Referat VIIb: Wtm. Dr. SCHAEDEL (5+12).

Contemporary affairs.

(Comment: an alternative name for Referat VII apparently Chi-X. Other contemporary lists give Oberstltn. v. KALCKSTEIN i.c. Chi.-X, and indicate the functions of Chi-X identical with those of Ref. VIIa).

C. Oberst KETTLER's Notes (adapted to refer to the above).

- 1) Gruppe III (Cypher Supply) was in Dresden, with branch offices in HALLE, ZWICKAU, CHEMNITZ, LEIPZIG, FRANKFURT/O., BISCHOFSWERDA, MAGDEBURG and REICHENBACH (VOGTLAND). These are included in the strength 25+215. The strengths given for Gruppe VI include the technical branches at LUDWIGSFELDE, HUSUM, MÜNSTER, and CHEMNITZ.
- 2) In respect of Signals Recce and Interception, Abteilung Chi had the two fixed Signals Recce Stations at LAUF near NÜRNBERG and TREUENBRIETZEN near BERLIN. The strength of these two outstations was about 420 Officers, Civil Servants, N.C.O.'s, Men and Women-Signals-Auxiliaries.
- 3) Abt. Chi was evacuated according to orders to Southern Bavaria (SCHLIERSEE or CHIEMSEE) by rail or road.
Fixed signals Recce Station Lauf went to SCHLIERSEE. The most important archives (Gruppe VII, Referat VIIb), which had previously been moved to LAUF from BERLIN, ought to be there too.
Fixed Signals Recce Station TREUENBRIETZEN, according to my information, reached SALZBURG by rail.
As for the whereabouts of the rest of Abt. Chi, all I know is that the largest party in transit (in particular Gruppen II, IV, V VI) was reported stuck between Prague and Pilsen as a result of the destruction of the railway line.
- 4) The figures given in 1 and 2 should be taken as approximate only.

			Abteilung Abt.-Chef:
		Hauptgruppe A Maj. METTIG	
Gr. Z	Gr. I	Gr. II	Gr. III
Maj. LOBER	Hptm. GROTZ	1 Offizier	Maj. Dr. METZGER
Personalien	Organisation u. Einsatz.	Entwicklung eigener Schlüsselverfahren und Steuerung des Einsatzes	Schlüsselversorgung
Innere Angelegenheiten der Abteilung.	Ref. Ia Amtm. KLINGER	Ref. IIa Hptm. BERNSDORF	Regelung der Herstellung, des Drucks und des Versands der Schlüssel.
Unterkunft und Ausweichen.	Leitung der zwischenstaatlichen Nachrichten-Aufklärung.	Tarnverfahren für Fern- und Funkgespräche.	Einsatz und Dienst der Aussenstellen für Schlüsselversorgung.
Verwaltung und Rechnungswesen.	* Ref. Ib Owm. SCHNÜCKEL	Fernsprech-, Fernschreib- und Funkaufklärungsverfahren.	
Hauptregistratur.	Bearbeitung des Nachrichtenverbindungswesens fremder Länder.	Forderungen an die Funküberwachung vom Standpunkt der Nachrichtenaufklärung.	
NSFO.	Ref. Ic Techn.O.I. (N) BUCK	Ausarbeitung von Schlüssel- und Betriebsvorschriften.	
	Einsatz und Betreuung der Fernschreibverbindungen für Chi, Mil.-Amt.	Steuerung und Überwachung des Schlüsseleinsatzes.	
	Fernsprech- und Fernschreibgeräteverwaltung.	Schlüsselmittelverluste.	
	Ausbildung des Fernschreibpersonals.	Ref. IIb Sdf.(Z) Dr. FRICKE	
	* Einsatz der FNA-Stellen mit Aussenstellen.	Entwicklung eigener Schlüsselverfahren (Tarnverfahren, Geheimschriften, Sprachverschlüsselung).	
		Anleitung zur Herstellung von Schlüsseln und Überwachung der Herstellung.	
		Ref. IIc R.O.I. MENZER	
		Geheimschriftverfahren für Funkagenten.	

Chi
Oberst KETTLER

Hauptgruppe B
Min. Rat. PENNER

Gr. IV

Gr. V

Gr. VI

Gr. VII

R.R. Dr. HÜTTENHAIN

Min. Rat. Dr.
WENDLAND

Obstlt. KAHLER

Obstlt. v.
KALCKSTEIN

Analytische Entzifferung

Ref. IVa Lt. Dr. STEIN

Überprüfung eingeführter und neuentwickelter eigener Schlüsselverfahren und -mittel (Tarnverfahren, Geheimschriften, Sprachverschlüsselung) auf E-Festigkeit.

Prüfung von Erfindungsangeboten.

Ref. IVb Reg. Baurat
Dipl. Ing. ROTSCHEIDT

Entwicklung und Bau von E-Hilfsgeräten (für die E-Stellen bei Chi, den Wehrmachtteilen u. Behörden).

Einsatz der E-Hilfsgeräte.

Ref. IVc Prof. Dr. FRANZ

Wissenschaftliche Entzifferung.

Entwicklung von Lösungsmethoden.

Bearbeitung der von der praktischen Entzifferung nicht gelösten Überschlüsselungen.

Ref. IVd R.R. Dr.
HÜTTENHAIN

Unterricht, Ausbildung, Vorträge

Praktische Entzifferung der Geheimschriften fremder Regierungen, Militär-Attaches und Agenten.

Ref. V 1-22
(Länderreferate)

Ref. Va Sdf.
(Z) KÖHLER

Steuerung der fremdsprachlichen Arbeiten innerhalb der Wehrmacht (Übersetzungen, Bearbeitung von Wörterbüchern).

Erfassung u. Auswertung der Rundfunk- u. Pressenachrichten.

Ref. VIa Reg. Baurat
Dipl. Ing. SALZBRUNN

Funkempfangstechnik.

Tonaufnahmemittel.

Leiter der Aussenstelle Ludwigsfelde und der Werkstätten.

Funkverbindungen zu den Aussenstellen.

Funkgeräteverwaltung.

Ref. VIb Oblt. SCHMIDT

Funkpresse und Hellsendungen.

Aufnahme der Zwischenstaats-Funkverkehre.

Multiplex.

Ref. VIc Ang. KRAUSE

Aufnahme u. Überwachung des Ausserdeutschen Rundfunks.

Ref. VI d Oblt. Dr. SEYFARTH

Auswertung d. Rundfunk- und Pressenachrichten.

Ausgabe der:
Chi-Nachrichten, Kriegsgefangenenmeldungen, Einzel- und Sondermeldungen nach Inhalt.

Ref. VIIa Obstlt.
v. KALCKSTEIN

Auswertung und Verteilung d. V.N.

Ref. VIIb Wm.
Dr. SCHÄDEL

Archiv des Zeitgeschehens.